

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Christophe de ROMEUF

Title:

TREATMENT OF PATHOLOGIES WHICH

ESCAPE THE IMMUNE RESPONSE, USING

OPTIMIZED ANTIBODIES

Appl. No.:

10/527,666

International

9/15/2003

Filing Date:

371(c) Date:

8/1/2005

. Examiner:

Crowder, Chun

Art Unit:

1644

Conf. No.:

7253

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.56

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of the non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

Any document listed on the attached PTO/SB/08 was cited as being relevant during the prosecution of the corresponding International application. A copy of the International Search Report is attached setting forth the portion of each document considered relevant by the examiner. An English-language counterpart of the foreign-language document has been provided (A2 = A3).

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Date August 9, 2006

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MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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number. Substitute for form 1449B/PTO Complete if Known 10/527,666 INFORMATION DISCLOSURE **Application Number** 9/15/2003 STATEMENT BY APPLICANT **Filing Date** AUG 0 9 2006 Christophe de ROMEUF **First Named Inventor** Date Submitted: August 9, 2006 Group Art Unit 1644 (use as many sheets as necessary) **Examiner Name** Crowder, Chun TRADEMAR Attorney Docket Number 065691-0387 Sheet 1 of

U.S. PATENT DOCUMENTS						
Examiner Cite	U.S. Patent Document			Date of Publication of	Pages, Columns, Lines, Where Relevant	
No. ¹	Number	Kind Code ² (if known)	Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	
A1	6,180,377	B1	MORGAN et al.	01/30/2001		
A2	2003-175969	A1	BELIARD et al.	09/18/2003		
	A1	Cite No. 1 Number A1 6,180,377	Cite No. 1 Number Kind Code ² (<i>if known</i>) A1 6,180,377 B1	Cite No.1 Number Kind Code² (if known) A1 6,180,377 B1 MORGAN et al.	Cite No.1 Number Kind Code ² (if known) A1 6,180,377 B1 MORGAN et al. U.S. Patent Document Name of Patentee or Applicant of Cited Document MM-DD-YYYY Name of Patentee or Applicant of Cited Document MM-DD-YYYY	

	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
A3 WO	01/77181	A2	Laboratoire Francais du Francionnement et des Biotechnologies	10/18/2001		Α

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A4	CARTRON et al., "Therapeutic activity of humanized anti-CD20 monoclonal antibody and polymorphism in IgG Fc receptor Fc _V RIIIa gene," Blood, February 1, 2002, vol. 99, no. 3, pp. 754-758.	
	A5	SHIELDS et al., "Lack of Fucose on Human IgG1 N-linked Oligosaccharide Improves Binding to Human FcyRIIIa and Antibody-dependent Cellular Toxicity," J. Biol. Chem., July 26, 2002, vol. 277, no. 30, pp. 26733-26740.	
	A6	SHINKAWA et al., "The Absence of Fucose but Not the Presence of Galactose or Bisecting N-Acetylglucosamine of Human IgG1 Complex-type Oligosaccharides Shows the Critical Role of Enhancing Antibody-dependent Cellular Cytotoxicity," J. Biol. Chem., January 31, 2003, vol. 278, no. 5, pp. 3466-3473.	
	A7	VIDOVIC et al., "Selective Apoptis of neoplastic cells by the HLA-DR-specific monoclonal antibody," Cancer letters, 1998, vol. 128, pp. 127-135.	
	A8	WRIGHT et al., "Effect of glycolsylation on antibody function: implications for genetic engineering," Trends in Biology, 1997, vol. 15, no. 1, pp. 26-32.	

Examiner Signature	Date Considered	

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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.